FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET SW
WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio/

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Todd A. Steiner, Esq.
Law Offices of Putbrese Hunsaker & Trent, P.C.
200 South Church Street
Woodstock, Virginia 22664

FEB 4 2009

Re: Rama Communications
WNTF(AM), Bithlo, Florida
Facility Identification Number: 14556
Construction Permit: BP-20050812ANE
License Application: BL-20081216BLP
Program Test Authority

Dear Mr. Steiner:

This is in reference to the above-captioned license application and to program test authority ("PTA").

Authority is granted WNTF(AM) to conduct program tests **through May 5, 2009,** in accordance with Section 73.1620 of the Commission's Rules and the permit, BP-20050812ANE, to operate on 1580 kHz with a nominal daytime power of 10 kilowatts. Program tests are authorized with a daytime input power of 10.53 kilowatts (common point current 14.5 amperes).

Program tests must be conducted with the directional antenna system adjusted in accordance with the enclosed specifications. Please notify this office of any discrepancies found with the enclosed specifications.

The application must be amended to include: (1) the antenna monitor model (e.g. Potomac Instruments AM-1901, 204, 210 etc.); (2) an explanation as to why the 162° measurements stopped at 9.95 kilometers, instead of going up to 15 kilometers and there were less then 15 measurements between 3-15 kilometers on the 75.5°,118° and the 232.5° radial;[1] and (4) a stability study.[2] In

[1] See Section 73.186.

[2] The stability study must demonstrate for a test period of thirty continuous days that the antenna monitor sample current ratios and the common point current do not exceed 5% of the values specified in the authorization; that the relative phase indications are within +/-3° of the values specified in this authorization; and that the monitor point readings are within the limits specified by this authorization. The monitor point readings must be taken weekly, and the common point current readings, sample current amplitude readings and their ratio, and the antenna phase indications daily. The data must be submitted in the form of a table and graphed. See *"Criteria for Approval of Sample systems for Directional AM Broadcast Stations"*, released December 9, 1985.

addition, the FCC Form 302 must be amended to correct the radiator height on the form (98.5 meters) to the authorized construction permit height (97.5 meters).

Further action on the license application will be withheld for forty-five days from the date of this letter in order to provide you an opportunity to respond. Failure to respond within this time period will result in the dismissal of the application pursuant to 47 C.F.R. §73.3568.

Sincerely,

Son Nguyen

Son K. Nguyen
Supervisory Engineer
Audio Division
Media Bureau

cc: Clarence M. Beverage
Rama Communications

Name of Licensee: RAMA COMMUNICATIONS, INC

Station Location: BITHLO, FL

Frequency (kHz): 1580

Station Class: D

Antenna Coordinates:

	Day					
Latitude:	N	28	Deg	32	Min	11 Sec
Longitude:	W	81	Deg	05	Min	06 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 10.0

Antenna Input Power (kW): Day: 10.5

Antenna Mode: Day: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 14.5

Resistance (ohms): Day: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1038159	
2	None	44.2
3	None	44.2

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 910.9

Standard RMS (mV/m/km): Day: 957.47

Augmented RMS (mV/m/km):

Q Factor: Day:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.7960	-162.000	0.0000	0.000	0	184.9
2	1.0000	0.000	90.0000	117.800	0	81.0
3	0.4600	26.900	90.0000	299.900	0	81.0

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-152	0.76
2	0	1
3	27	0.46

Antenna Monitor: POTOMAC INSTRUMENTS AM-19

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
5	7.39	8.54
75.5	6.45	4.2
162	2.37	56
232.5	6.55	13.95

Special operating conditions or restrictions:

1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

2 Location of Monitor Points:

Direction of 5° true North. From the WNTF transmitter site, proceed East on Route 50 for 3.6 miles to the intersection with West Christmas Road. Turn Left (north) on West Christmas Road (Route 420) and proceed 6.05 miles. The monitor point is next to a culvert on the west side of North Fort Christmas Road. Coordinates are N28°36'9.55",W81°04'42.39"(WGS84).

Direction of 75.5° true North. From the WNTF transmitter site, proceed East on Route 50 for 3.97 miles to the intersection with North Fort Christmas Road. Turn Left (north) on North Fort Christmas Road, and proceed 1.03 miles. The monitor point is in the middle of short driveway on the east side of North Fort Christmas Road near mailbox number 347. Coordinates are N28°33'3.79",W81°01'1560"(WGS84).

Direction of 162° true North. From the WNTF transmitter site, proceed Southeast on Route 520 for 1.71 miles to the intersection with Macon parkway. Turn right (southwest) on Macon Parkway and proceed 0.16 miles to Albion Ave. Turn left (south) on Albion Ave, and proceed 0.07 miles to Majestic Street. Turn right(west) on Majestic Street, and proceed 0.53 miles. The monitor point is in the center of Majestic Street on sewer cap near mailbox number 20211. The coordinates are N28°30'59.56", W81°04'37.78"(WGS84).

Direction of 232.5° true North. The monitor point is in the center of Atwood Drive on sewer cap near house number 4730. The coordinates are N28°30'2.24", W81°0816.71"(WGS84).

Ground System:

No ground radials are utilized for tower #1 (The tower and umbrella wires make up the entire radiating system).

For tower #2 and #3 the ground system consists of 120 equally spaced copper radials at the base of each tower. Radials are 47.4 meters except where truncated at fence surrounding tower #1.

*** END OF AUTHORIZATION ***